
IMPERIAL IRRIGATION DISTRICT

May 7, 2013

California Energy Commission
Transmission Planning Workshop



Renewable Energy Project Status Report

- Five projects commencing construction:
 - *SolarGen2 – Arkansas, Alhambra and Sonora (50 MW each totaling 150 MW PV) (export to SDG&E)*
 - *Sol Orchard Community 1 – SDSU Project – (7 MW PV) (IID)*
 - *Sol Orchard – El Centro PV Project (20 MW) (IID)*
- One project in pre-construction
 - *Ormat – Heber Solar (10 MW PV) (IID)*
- Two additional projects with PPA's in analysis phase
 - *2 PV Projects at 20 MW each*
- 50 MW Hudson Ranch Geothermal achieved commercial operation April 2012 (exporting to Salt River Project)

Transitional Cluster

- 9 projects proposing 930 MW have signed IA's
 - *Geothermal* *520 MW*
 - *Solar* *410 MW*
- Experimental interconnection agreements; generators funded development phase activities.
- Development phase complete; stakeholder meeting with generators scheduled for mid-May to discuss next steps

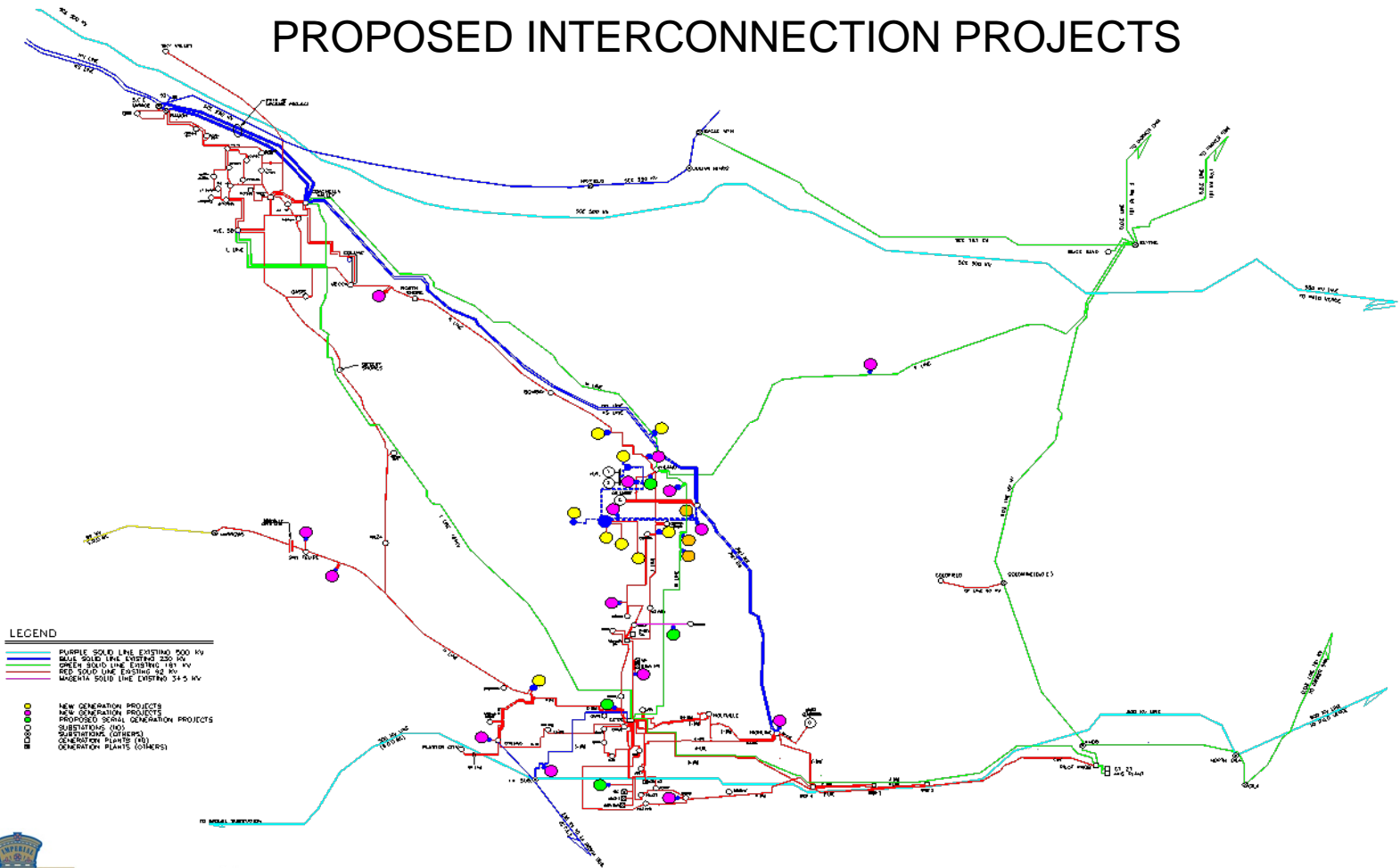
Transitional Cluster – IID Network Upgrades

- Transitional Cluster analysis identified four required network upgrades:
 - *Path 42 – Proposed in-service date April 2014*
 - *Highline-El Centro (A-B Line Upgrade)*
 - *El Centro Switching Station-IV Sub ("S" Line Upgrade)*
 - *Midway-Bannister Phase II*
- Path 42 project is moving forward with cooperation from Southern California Edison and California Independent System Operator Corporation

IID Interconnection Queue Status

- IID has 17 projects with proposed generation of 1099 MW in the interconnection study process.
 - *Solar (13)* *721 MW*
 - *Geothermal (1)* *100 MW*
 - *Wind (1)* *70 MW*
 - *Solar/Thermal (2)* *208 MW*
- Cluster 1 Study results expected June 2012.

PROPOSED INTERCONNECTION PROJECTS



IID
A century of service.

Imperial Valley Policy Driven Upgrade

- CAISO identified policy driven upgrade in Imperial Valley to minimize crossings of critical water infrastructure
- IID submitted a response to the CAISO competitive solicitation process in effort to become project sponsor
- Final results are pending evaluation in accordance with CAISO tariff.
- In PPTO scenario, policy driven upgrade facilities would be placed under operational control of CAISO by IID.

FOR MORE INFORMATION CONTACT:

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